



Revolving Shelf Oven— H-30065
Revolving Shelf Oven, 220V 50Hz— H-30065.4F

This, revolving shelf, gravity convection asphalt drying oven has been designed for use in a wide range of specialty ASTM or general purpose applications including thin film and loss on heating tests. Temperature range from 40°C to 260°C (up to 500°F). Revolving 13-1/2" (342mm) dia. shelf holds four 5-1/2" (140mm) H-1540 or H-1541 pans or nine 2.17" (55mm) dia. H-1350 sample cups. Has externally mounted 5 RPM induction motor without brushes, non-exposed heaters clamped between double walls, heavy-gauge steel insulated door and an 11" x 11" (30 x 30cm) double-paned window. Two types of thermometers are included: ASTM 13°C loss on heat (+155°C to +170°C) mounted on shelf support shaft with two sets of mounting brackets and a standard thermometer. Standard thermometer for insertion through the top of oven when operated as utility oven, (0°C to +300°C range.) Inside dimensions are: 19" x 18" x 15" (48 x 46 x 38cm). Overall dimensions are: 27" x 26" x 39" (68 x 66 x 99cm). Order test pans and sample cups separately. Meets ASTM D1754, D6; AASHTO T179, T47. Shipping wt. 270 lbs. (122kg)



H-30065

Thin Film Test Pan, Stainless Steel— H-1540

Stainless steel pan used with H-30065 revolving shelf oven in testing the effect of heat and air on semisolid asphaltic materials. Flat-bottom pan is 5-1/2" ID x 3/8" (140 x 9.5mm). Meets ASTM D1754, AASHTO T179.

Thin Film Test Pan, Aluminum— H-1541

Aluminum version of the H-1540 Pan.

Sample Cups— H-1350.3A



H-30068.4F

Asphalt Rolling Thin Film Oven, 208-230V 50/60Hz— H-30068.4F

The rolling thin film oven is used to measure the effect of heat and air on a moving film of semi-solid asphaltic material. The results of this treatment are determined from measurements of the asphalt properties before and after the test. Through the use of a programmable temperature controller and 4-digit digital display system, the oven accurately maintains the specified test temperature of 163°C. The oven includes a 200 to 14,000 ml/min flow meter, 0 to 100 psi air pressure gauge, rotating test rack and eight glass specimen jars. Overall dimensions 40"W x 36"H x 26"D (1016 x 3292 x 660mm). Meets ASTM D2872, AASHTO T240 and California test method 346. A clean, dry compressed air source is required for oven operation. Shipping wt. 380 lbs. (173kg)



Oven Interior

Glass Container for Rolling Thin-Film Oven— H-30068.12

Heat-resistant, glass, oven jar. 64mm OD (2.52") x 139.7mm H (5.50"). Meets ASTM D2872, AASHTO T240.